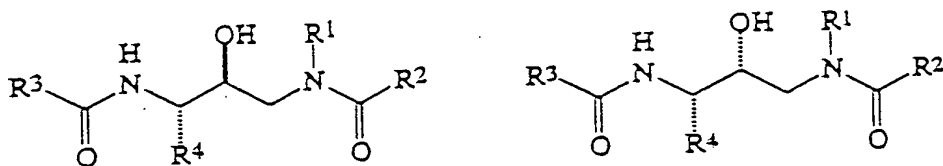


Intermediate of Peptide Hydrolysis



Hydroxyethylamine-Based Inhibitors

FIG. 1

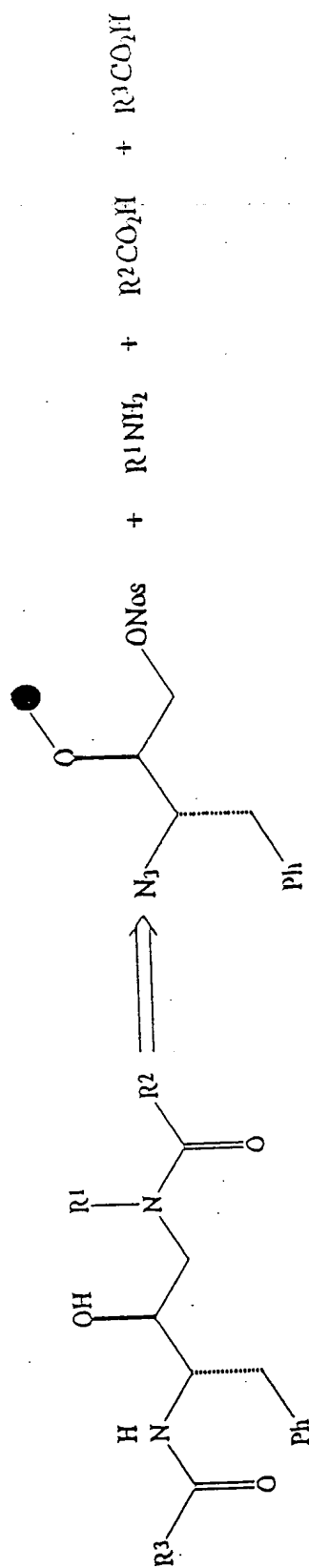


FIG. 2

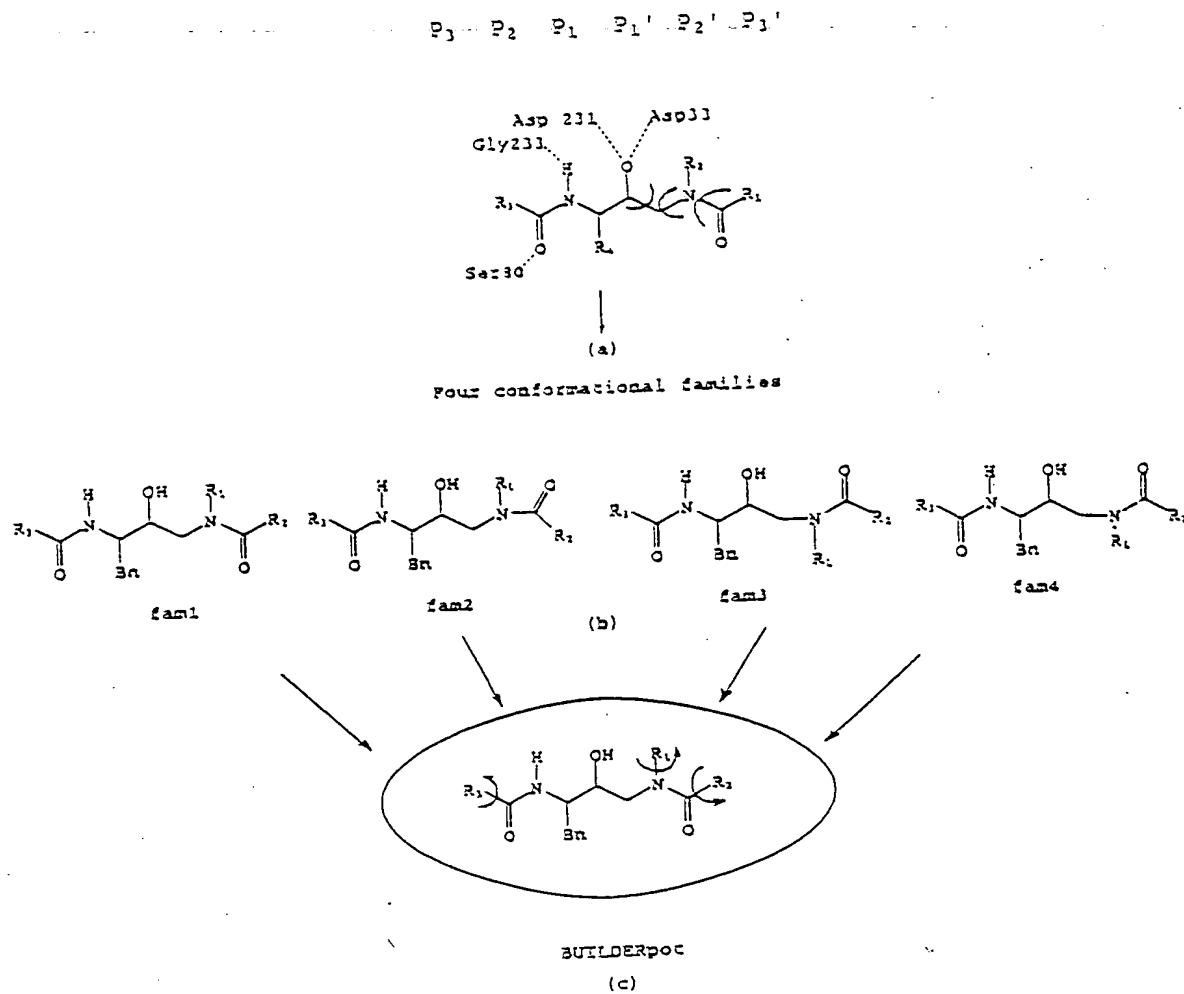


FIG. 3

R₁ substituent

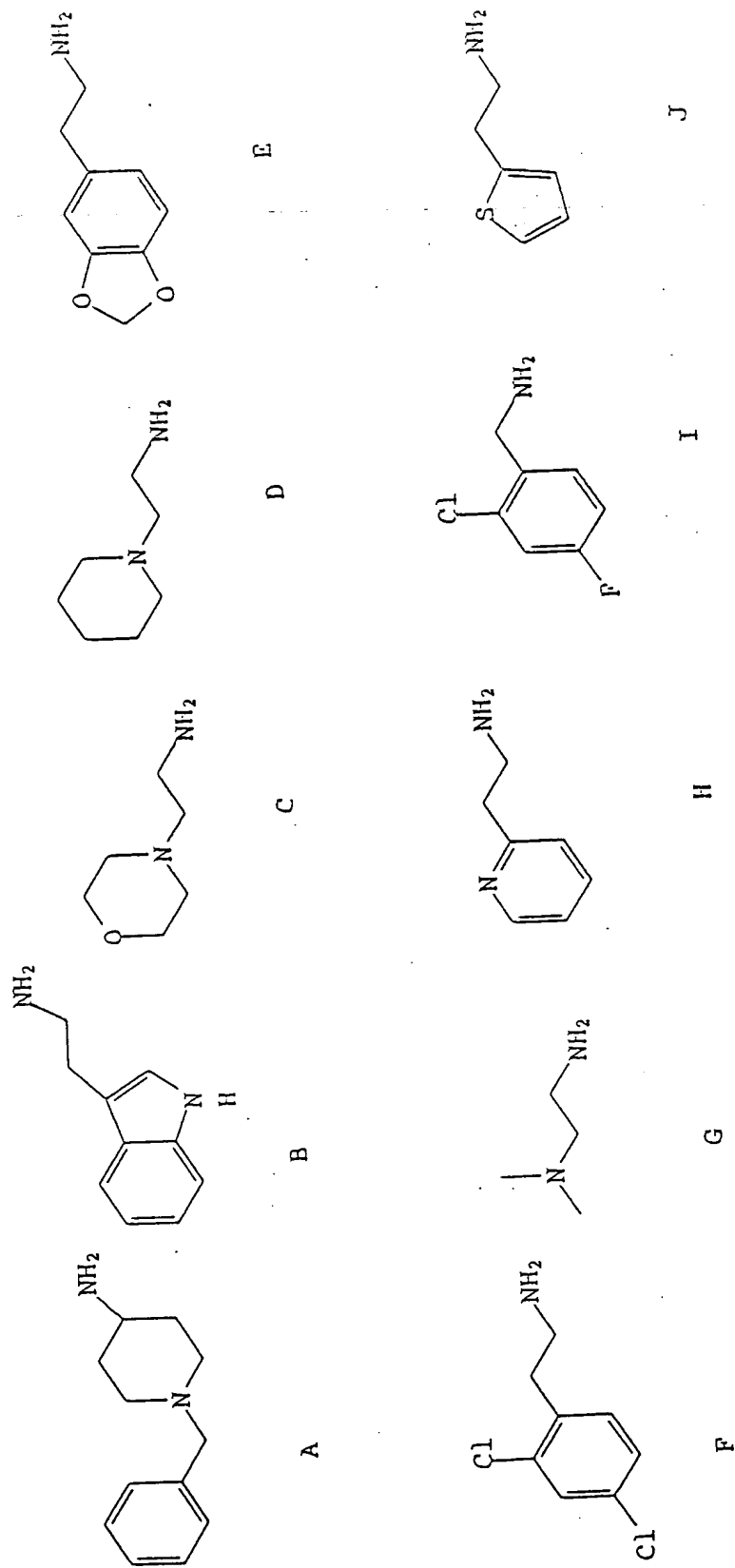


FIG. 4A

R₂ substituent

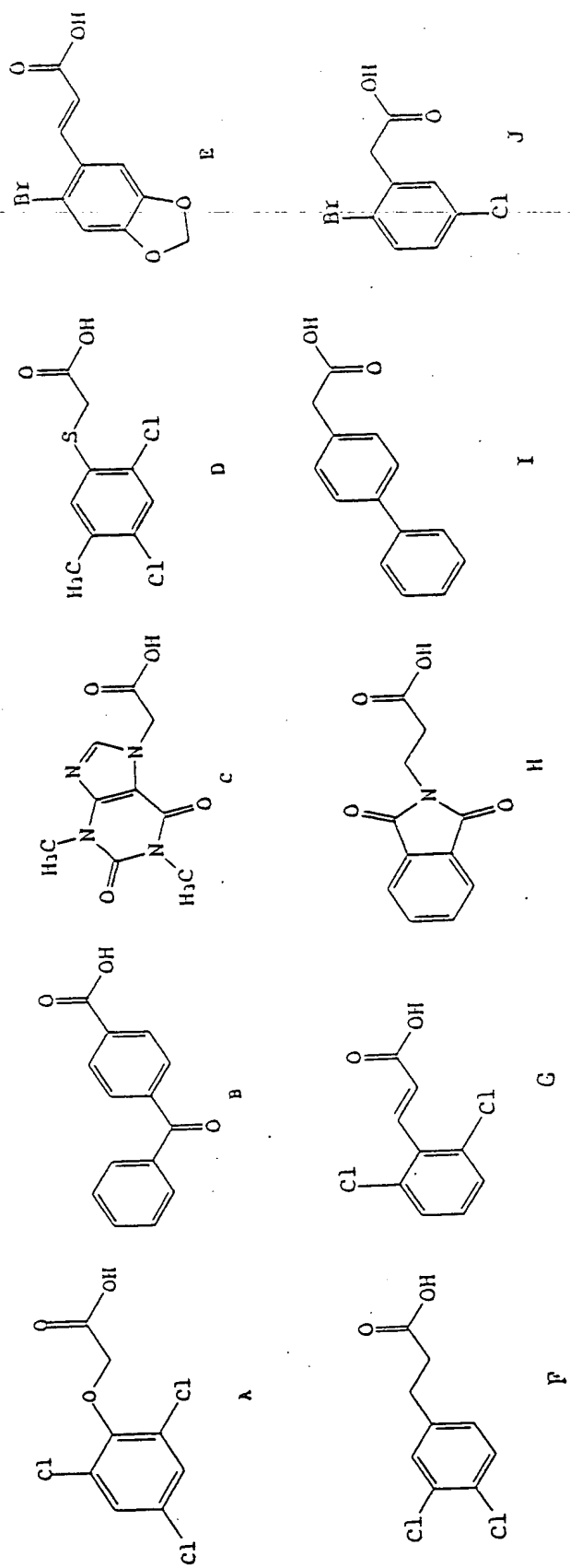


FIG. 4B

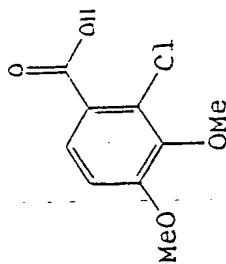
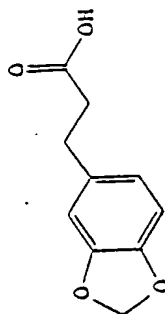
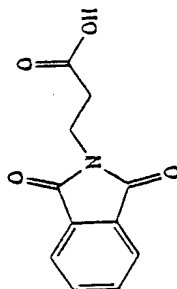
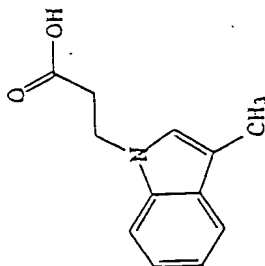
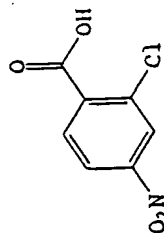
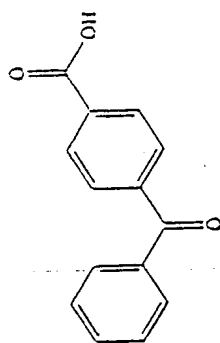
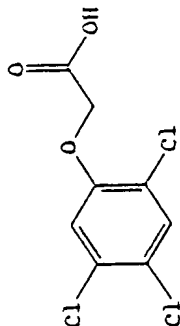
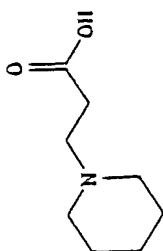
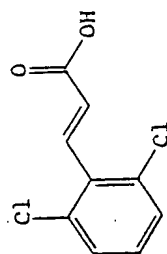
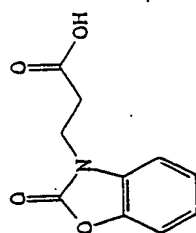
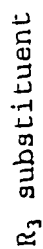


FIG. 4C

R₁ substituent

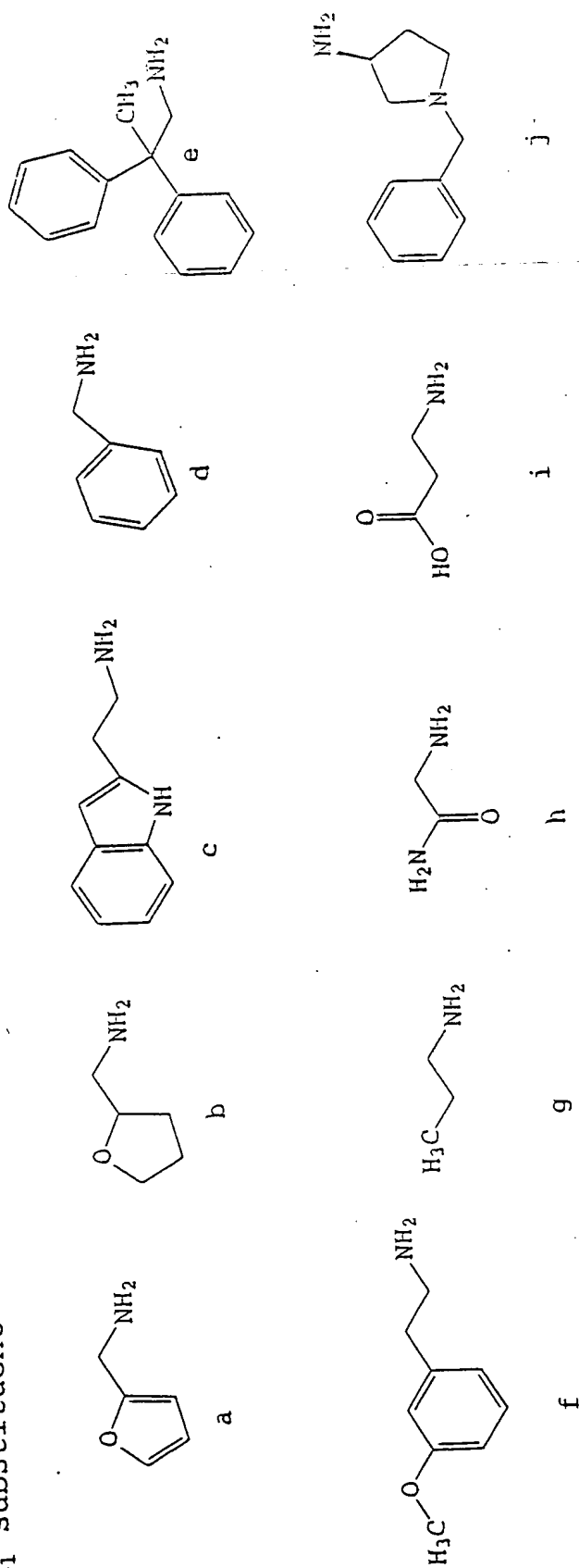


FIG. 5A

R₂ substituent

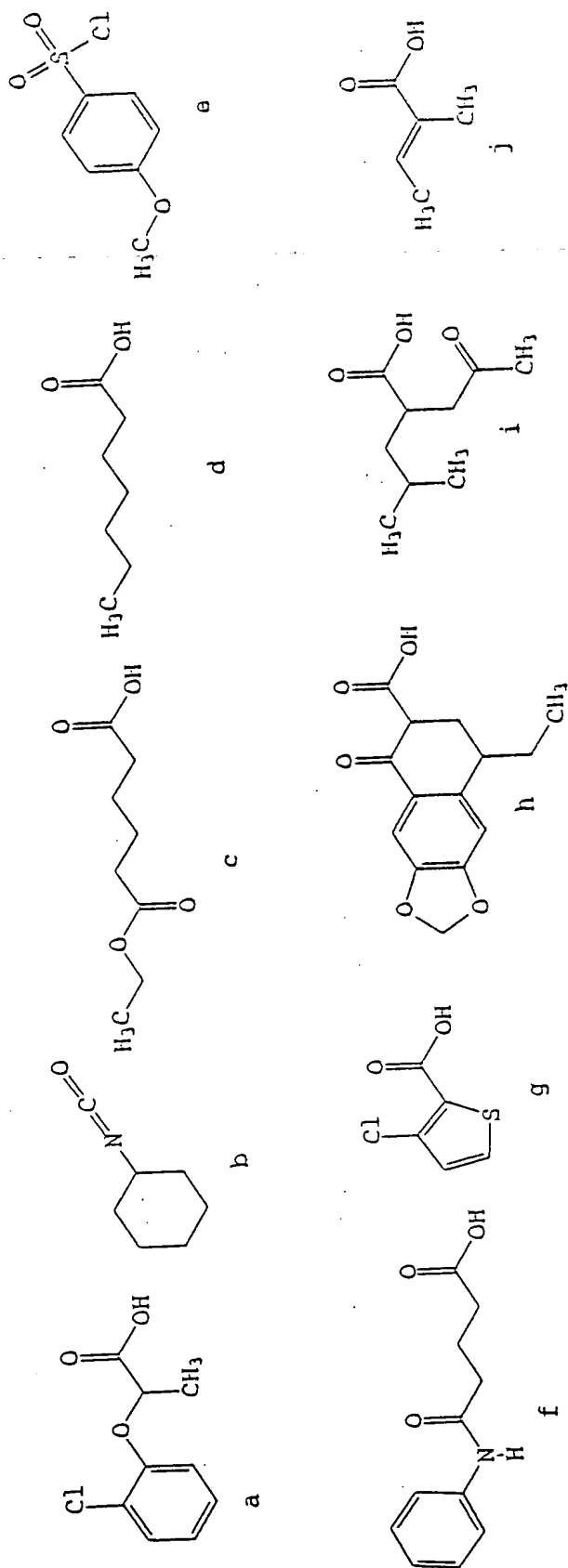


FIG. 5B

R₃ substituent

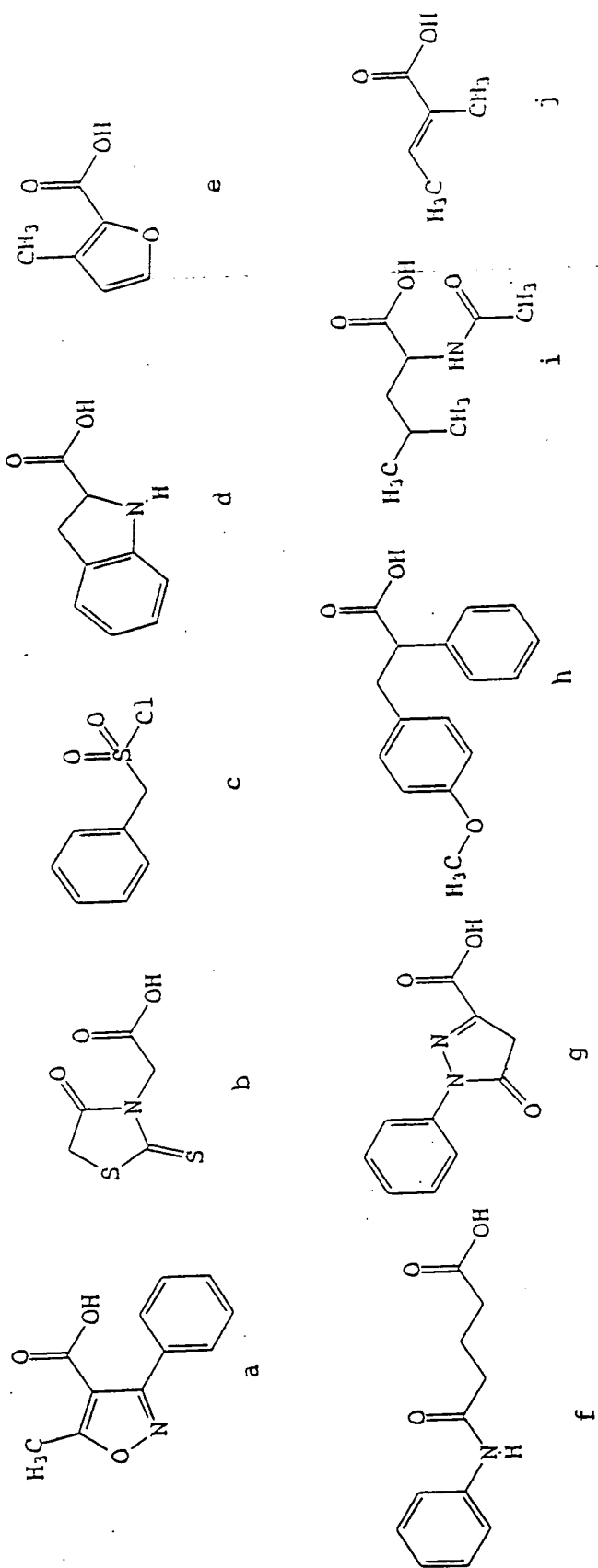
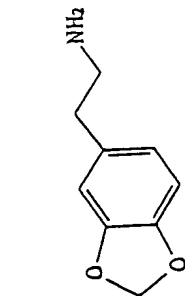
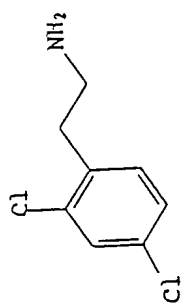


FIG. 5C

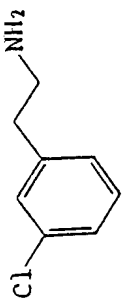
R₁ substituent



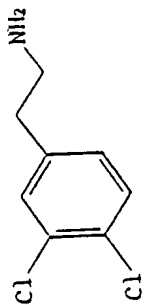
E



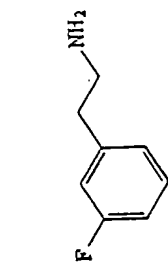
F



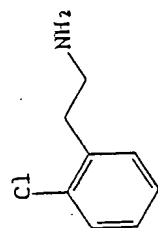
G



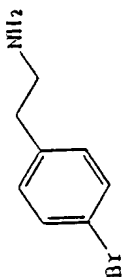
H



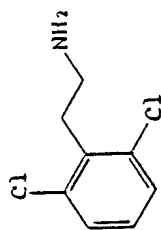
M



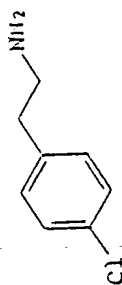
N



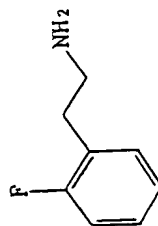
O



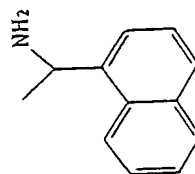
P



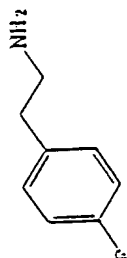
Q



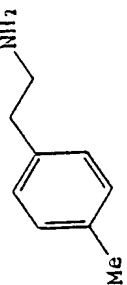
R



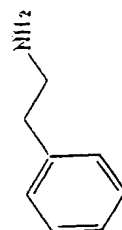
S



T



U



V

FIG. 6A

THE **NEW** **YORK** **PUBLIC** **LIBRARY**

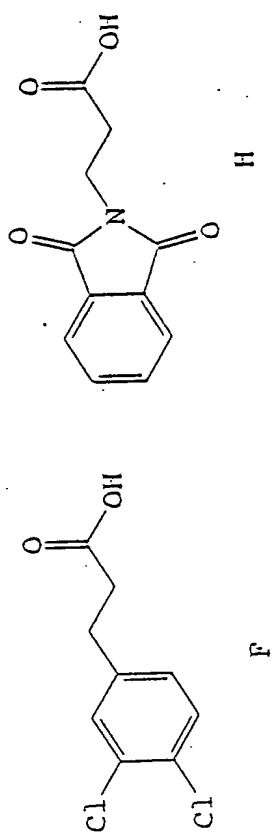
R₂ substituent

FIG. 6B

R₃ substituent

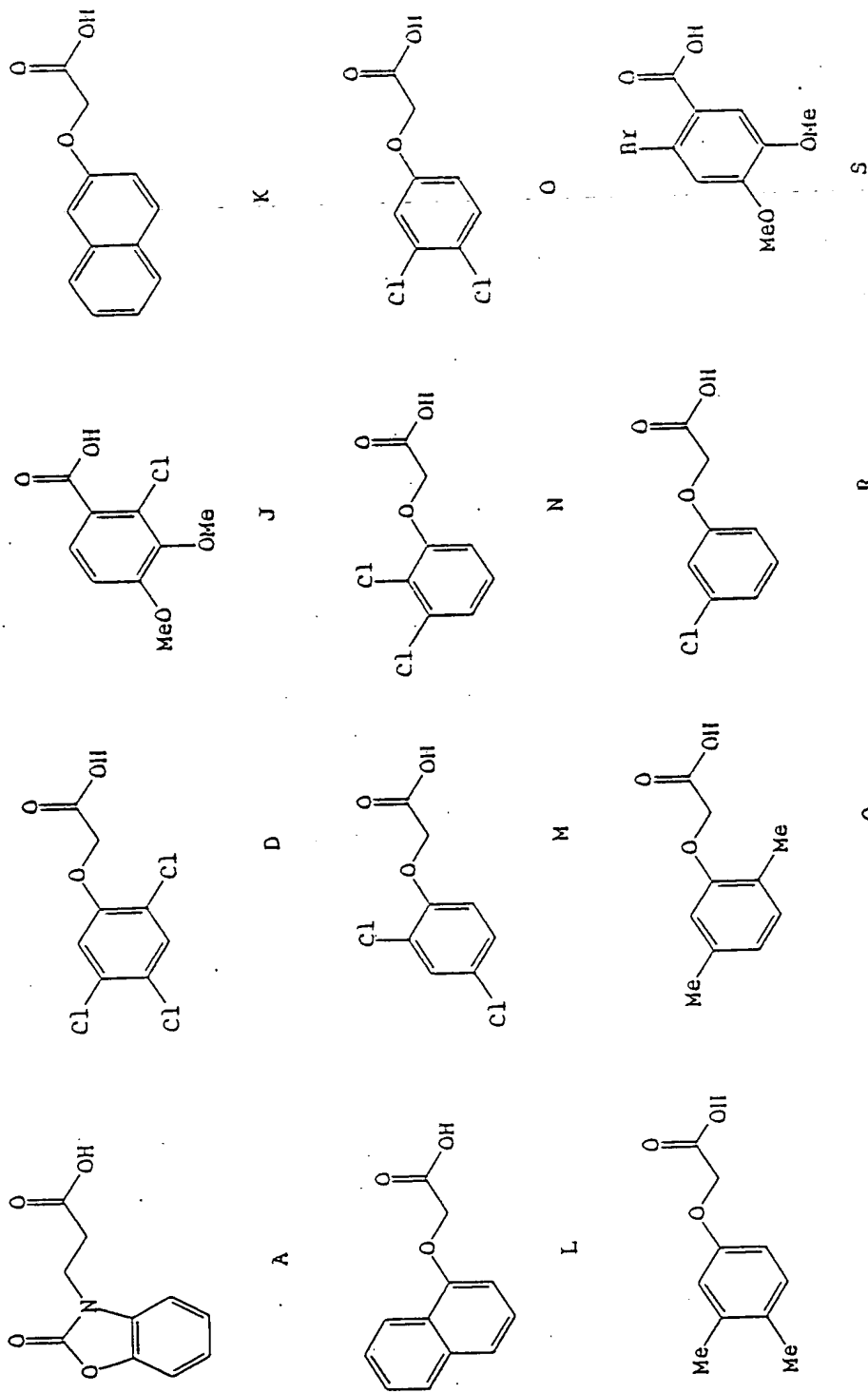


FIG. 6C

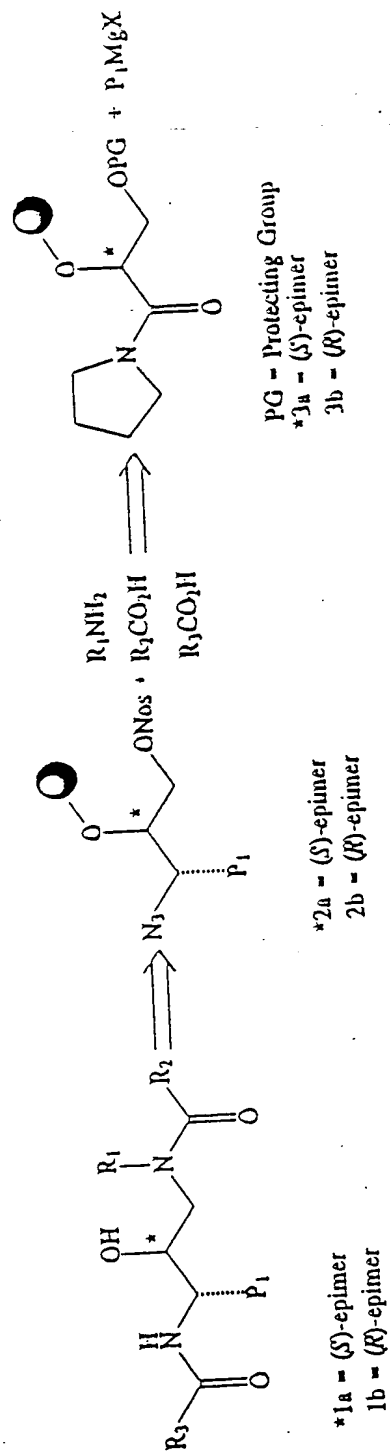
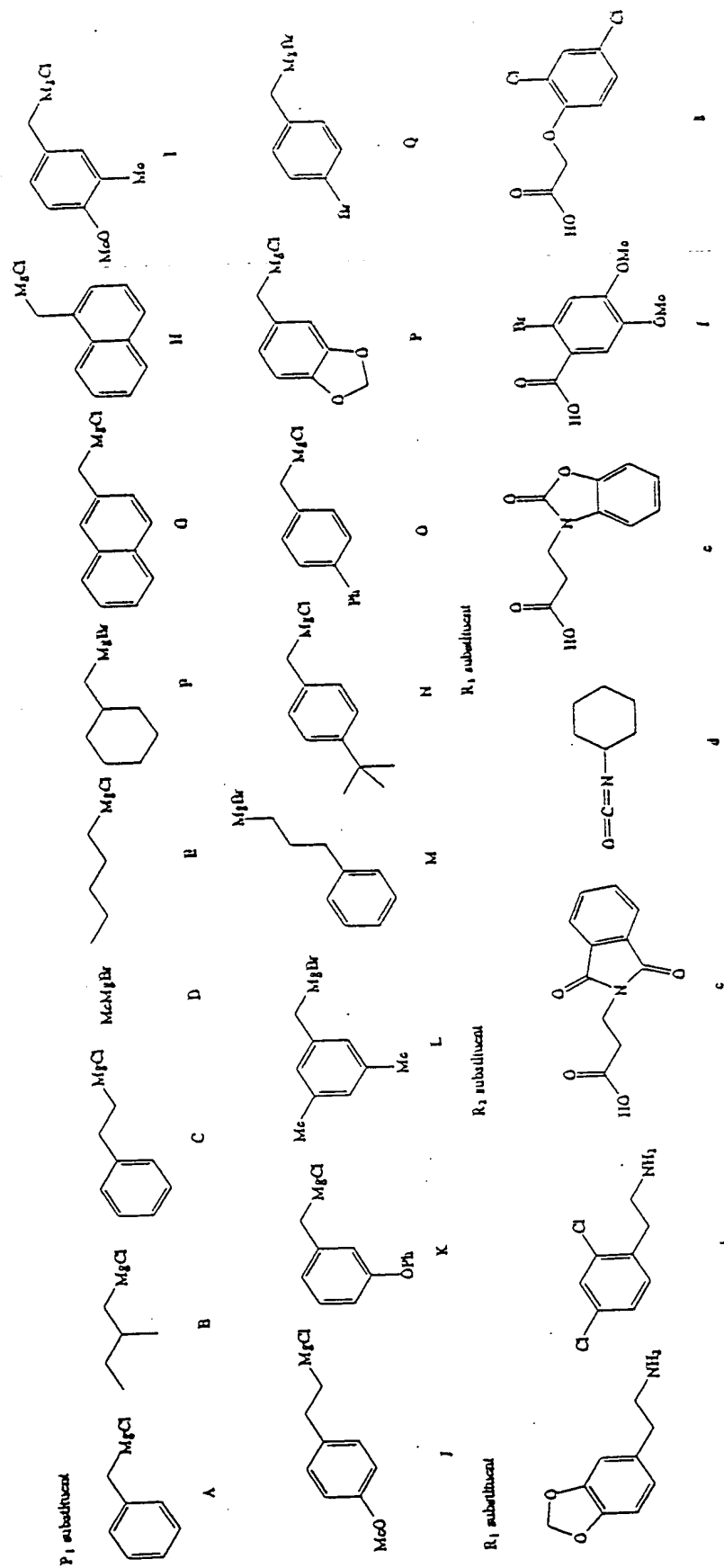


FIG. 7



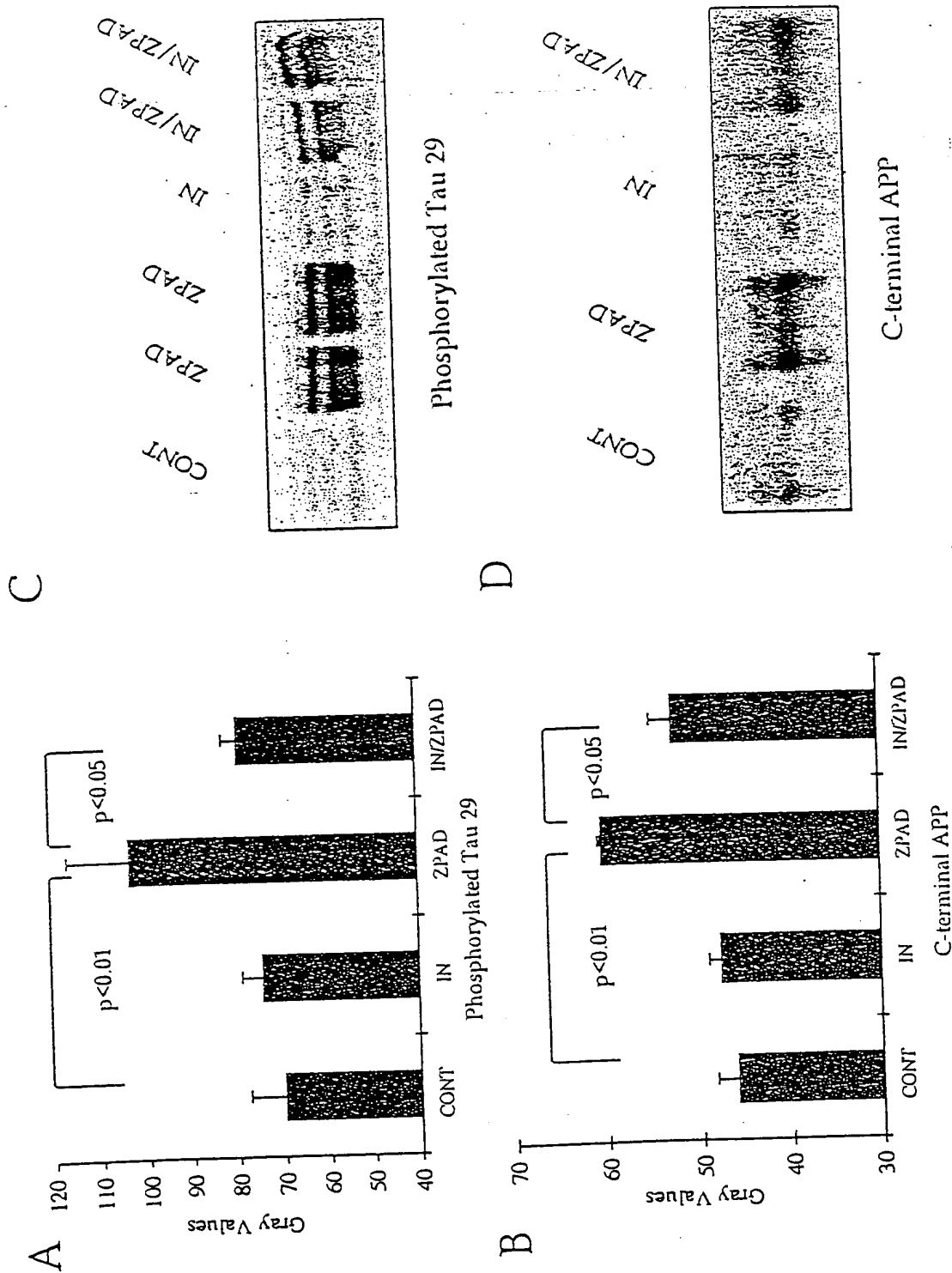


Figure 10

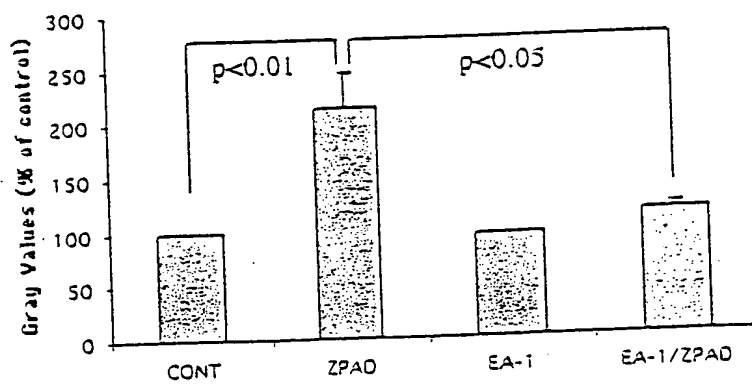


Figure 11

Table 1 Cathepsin D inhibitors

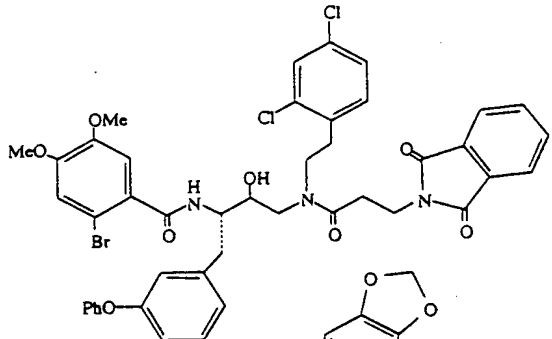
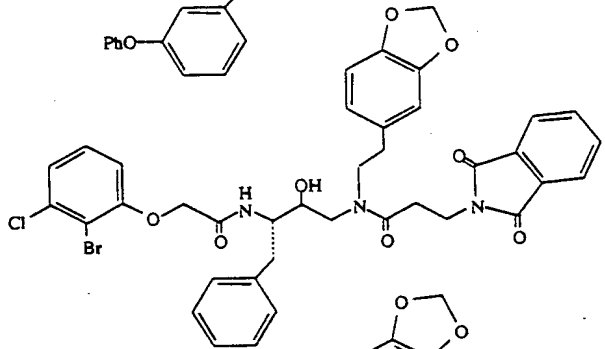
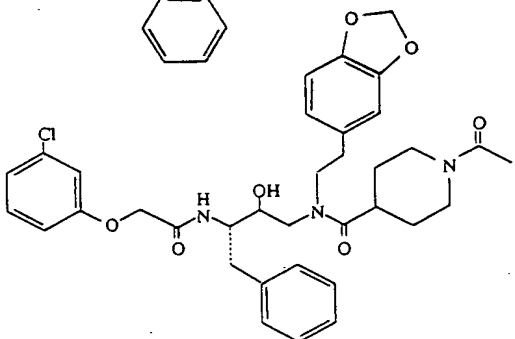
Name	Structures	Molecular Weight	K _i (nM)
CELS-A		889.6	0.7
CELS-G		697.2	15
EA-1		650	1.9

FIG. 12

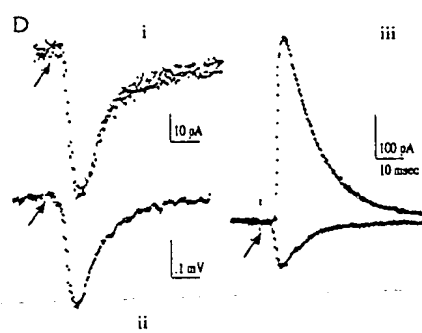
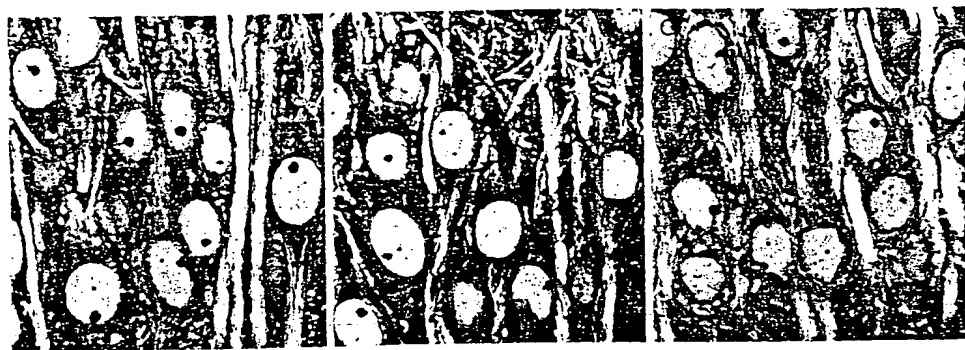


FIG. 13

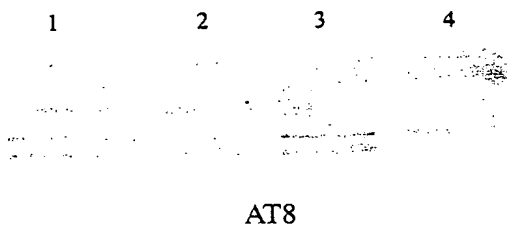
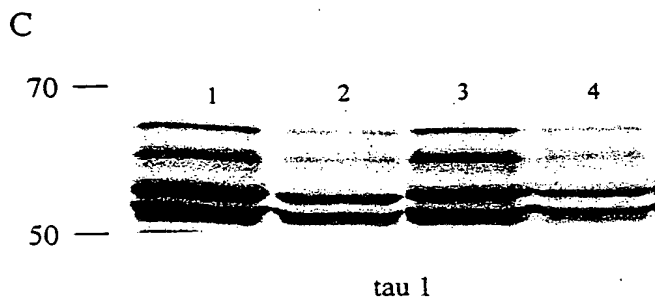
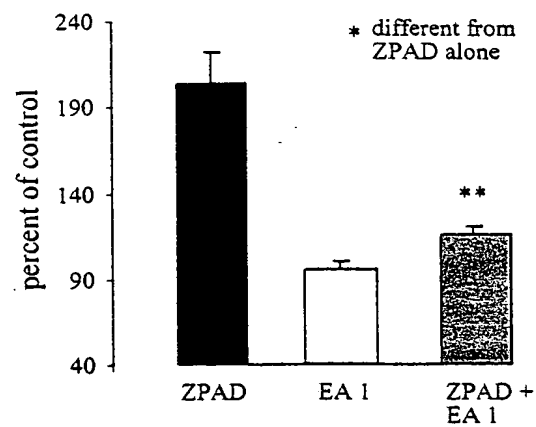
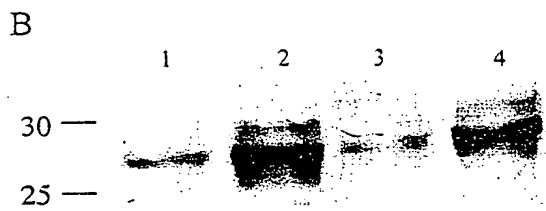
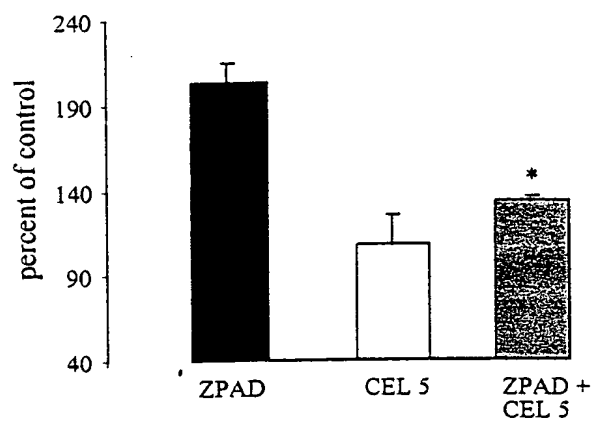
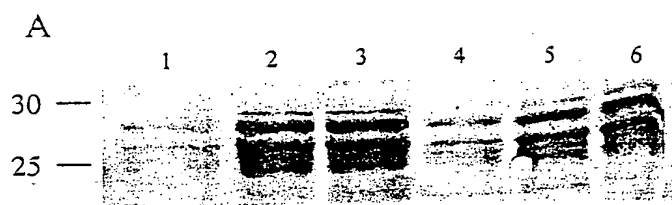


FIG. 14

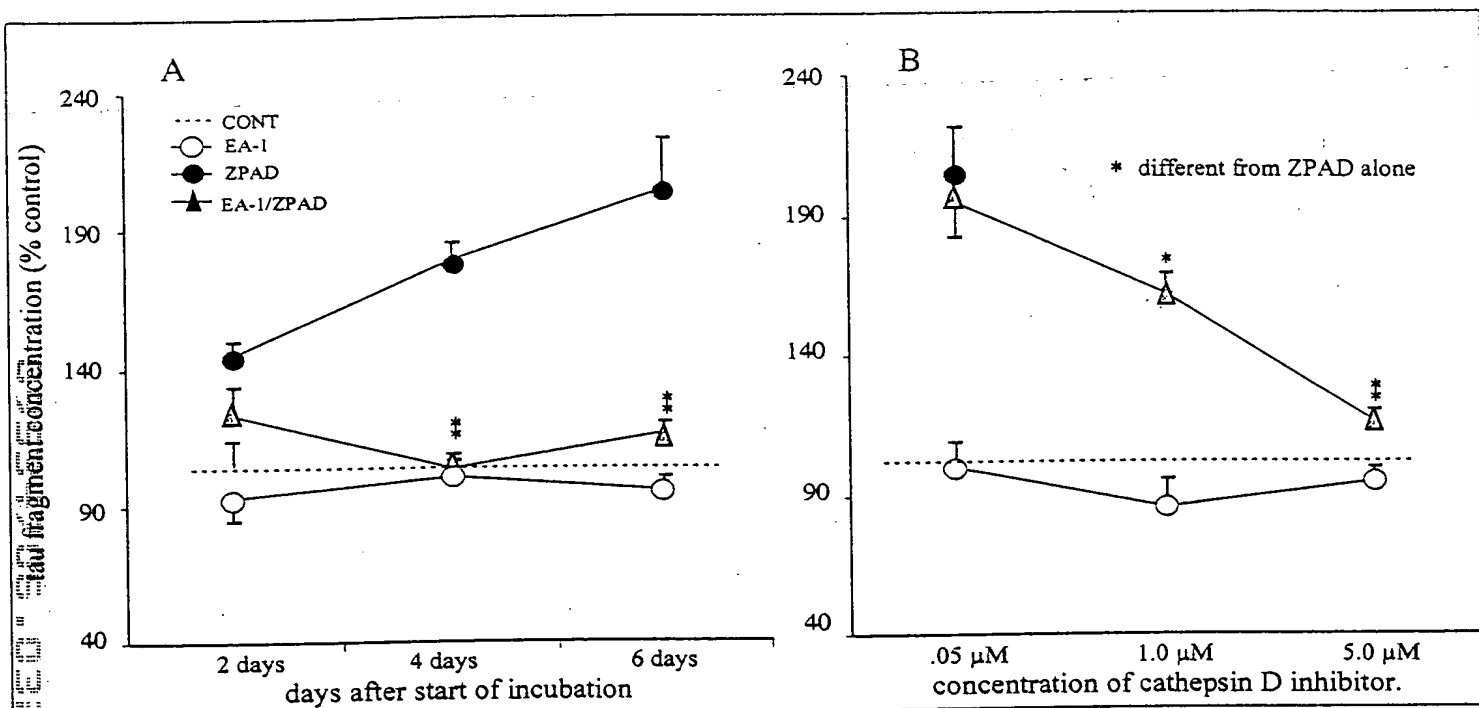


FIG. 15

20240303 14:23:00

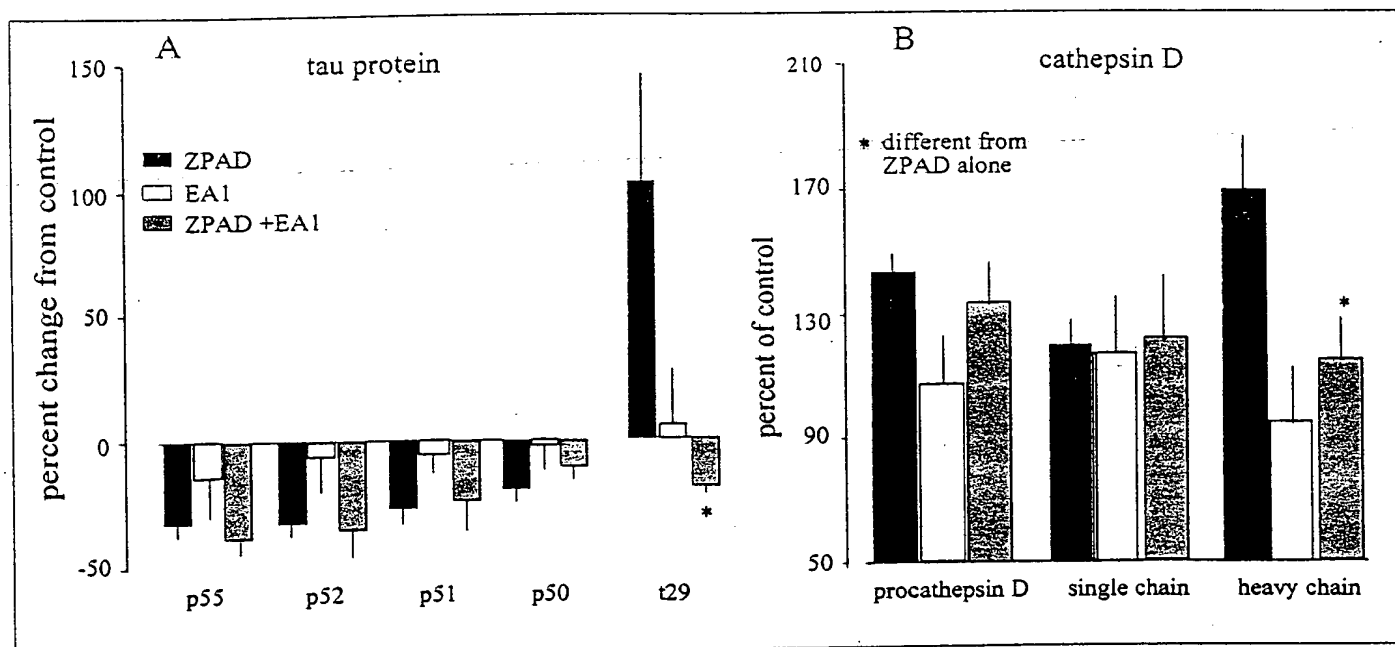


FIG. 16